

ABSTRACT OF THE DISCLOSURE

Elementary analysis device by optical emission
spectrometry on laser produced plasma

This device comprises a pulsed laser source (6), means (8, 10, 12) for focusing light from this source onto an object to be analysed (2) to produce plasma on the surface of the object, means (16, 18) of analysing
5 a plasma radiation spectrum, means (20) of determining the elementary composition of the object from this analysis, and possibly means (4) for displacing the object. The invention is particularly applicable to test radioactive materials.

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~~Figure 1.~~

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